Weekly COVID-19 Case Investigation Quality Improvement Report, October 23, 2020

Data exported, October 22, 2020 (4:30 PM)

Arkansas Department of Health (ADH)

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Data Summary: As of October 22, 2020, a total of 104,076 laboratory confirmed COVID-19 cases were reported to the ADH. During this reporting period, 65.0% cases were linked to known positives or clusters. Since the October 16 weekly report, an additional 6,827 cases have been reported to the ADH. Since the last report, the percentage of unlinked cases remained approximately the same, 35.0%. Please refer to the Chart below for the weekly trends of unlinked cases.

Due to the high volume of new cases, we assigned a 5-day lag time before considering a positive case to be unlinked. The total number of cases for the October 23 weekly reporting period was 104,076, of which 2,609 (2.5%) cases were still under investigation, slightly higher than the 2.2% reported on October 16. These cases are currently being worked through the system to improve the timeliness of contact investigation.

Table: COVID-19 cases linked to known positives or clusters (A-E), and those not linked.

Linked categories	As of October 22
A. Nursing home/Jail	13,252
B. Contact with known positives	37,952
C. Travelled to advisory location	71
D. Contact with case under investigation for COVID-19	1,412
E. Members of known or suspected cluster	13,287
Records without link (not including those under investigation)	35,493
Total number of cases (not including those under investigation)	101,467
Grand total	104,076

Starting September 18, probable COVID-19 cases reported to the ADH based on verbal reporting and antigen test results were included in the analysis.
Data source: REDCap System, Arkansas Department of Health; Data exported: October 22, 2020; Data reported: October 23, 2020
Exclusivity: Number of cases are counted only once in the table above.
Suspected cluster: Two or more cases linked to the same employer location or community.
Methodology: A 5-day lag was applied to the most recently reported cases and placed in the "still under investigation" category; these cases were not included in the calculation of unlinked percentage (rows with gray highlights).

Chart: Weekly trends of unlinked COVID-19 cases, as of October 22, 2020